

Abstract

An apparatus for launching balls for sports practice comprising a tank (2) for housing a pressurised gaseous fluid, connected by means of an exhaust duct (5) to a launch tube (3) whose section substantially corresponds to that of a ball (4) to be launched, and which has a seat (8) for positioning the ball (4). A rapid opening device (6) allows to discharge on command the fluid from the tank (2) to the launch tube (3) through the exhaust duct (5), in order to cause the launch of the ball (4). The apparatus (1) further comprises throttling means (37) mounted in the exhaust duct (5) to determine the transfer of the fluid from the tank (2) to the launch tube (3), as well as means (43) for varying the position of the seat (8) for the ball (4) to be launched, which can be operatively associated to each other to vary the position of the seat (8) according to the regulation of the transfer of the fluid from the tank (2) to the launch tube (3) and vice versa, according to a pre-determined relationship.